

NIRLOVA PANDA

Software Developer | MCA Graduate

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PROFESSIONAL SUMMARY

Results-driven Software Developer (MCA, 2025) with strong programming expertise in C, Java, and Python. Experienced in building machine learning models and automation tools with hands-on exposure to full software development lifecycle. Skilled in data structures, problem-solving, and backend logic development. Passionate about writing clean, efficient, and scalable code.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, SQL, JavaScript

Web Technologies: HTML, CSS

Databases: MySQL, Oracle

Machine Learning: NumPy, Pandas, Scikit-Learn, TensorFlow, Keras, Matplotlib

Tools & IDEs: Git, GitHub, VS Code, Eclipse, Jupyter Notebook

Core Concepts: Data Structures, OOP, DBMS, Operating Systems

PROJECTS

Smart Grid Stability Prediction (Machine Learning Project)

- Developed a predictive ML model to analyze and forecast power grid stability.
- Achieved **90% accuracy** using classification algorithms.
- Improved outage prediction using data preprocessing and feature engineering.
- Tools Used: Python, Pandas, Scikit-Learn, TensorFlow.

Automated Email File Sender (Python Automation)

- Built a Python automation tool to send scheduled email reports with attachments.
- Reduced manual reporting effort by **80% (5+ hours/week saved)**.

- Integrated SMTP libraries and automated file handling.
 - Tools Used: Python, smtplib, email, os, glob.
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EDUCATION

Master of Computer Applications (MCA)

NIST University, Odisha – 2025

CGPA: 8.6/10

B.Sc. Electronics

Science College (Autonomous), Odisha – 2021

CGPA: 7.4/10

CERTIFICATIONS

- Machine Learning & Deep Learning Certification (2024)
 - NASSCOM AI-YUVA – Artificial Intelligence Program (2025)
 - SAP Certified Associate – ABAP (2025)
 - SAP Certified Associate – SAP Fiori Application Developer (2025)
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SOFT SKILLS

Problem Solving | Analytical Thinking | Team Collaboration | Adaptability | Communication